

Appendix A7. Reconstructed (simulated) monthly mean concentrations in finished water for tetrachloroethylene (PCE), trichloroethylene (TCE), *trans*-1,2-dichloroethylene (1,2-tDCE), and vinyl chloride (VC) at the Hadnot Point water treatment plant, Hadnot Point–Holcomb Boulevard Study Area, U.S. Marine Corps Base Camp Lejeune, North Carolina, January 1942–June 2008

Appendix A7. Reconstructed (simulated) monthly mean concentrations in finished water for tetrachloroethylene (PCE), trichloroethylene (TCE), *trans*-1,2-dichloroethylene (1,2-tDCE), and vinyl chloride (VC) at the Hadnot Point water treatment plant, Hadnot Point–Holcomb Boulevard study area, U.S. Marine Corps Base Camp Lejeune, North Carolina, January 1942–June 2008.

[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
1–6	Jan.–June 1942	—	—	—	—	—
7–12	July–Dec. 1942	0	0	*	*	0
13–120	Jan. 1943–Dec. 1951	0	0	0	0	0
121	Jan. 1952	0	1	0	0	0
122	Feb. 1952	0	0	0	0	0
123	Mar. 1952	0	0	0	0	0
124	Apr. 1952	0	1	0	0	0
125	May 1952	0	1	0	0	0
126	June 1952	0	1	0	0	0
127	July 1952	0	1	0	0	0
128	Aug. 1952	0	2	0	0	0
129	Sept. 1952	0	2	0	0	0
130	Oct. 1952	0	2	0	0	0
131	Nov. 1952	0	3	0	0	0
132	Dec. 1952	0	3	0	0	0
133	Jan. 1953	0	4	0	0	0
134	Feb. 1953	0	3	0	0	0
135	Mar. 1953	0	3	0	0	0
136	Apr. 1953	0	5	0	0	0
137	May 1953	0	4	0	0	0
138	June 1953	0	3	0	0	0
139	July 1953	0	4	0	0	0
140	Aug. 1953	0	6	0	0	0
141	Sept. 1953	0	5	0	0	0
142	Oct. 1953	0	4	0	0	0
143	Nov. 1953	0	7	0	0	0
144	Dec. 1953	0	6	0	0	0
145	Jan. 1954	0	6	0	0	0
146	Feb. 1954	0	5	0	0	0
147	Mar. 1954	0	4	0	0	0
148	Apr. 1954	0	7	0	0	0
149	May 1954	0	5	0	0	0
150	June 1954	0	7	0	0	0
151	July 1954	0	7	0	0	0
152	Aug. 1954	0	10	0	0	0
153	Sept. 1954	0	9	0	0	0
154	Oct. 1954	0	8	0	0	0
155	Nov. 1954	0	14	0	0	0
156	Dec. 1954	0	11	0	0	0

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[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
157	Jan. 1955	0	12	0	0	0
158	Feb. 1955	0	9	0	0	0
159	Mar. 1955	0	7	0	0	0
160	Apr. 1955	0	14	0	0	0
161	May 1955	0	11	0	0	0
162	June 1955	0	10	0	0	0
163	July 1955	0	10	0	0	0
164	Aug. 1955	0	14	0	0	0
165	Sept. 1955	0	13	0	0	0
166	Oct. 1955	0	11	0	0	0
167	Nov. 1955	0	19	0	0	0
168	Dec. 1955	0	14	0	0	0
169	Jan. 1956	0	15	0	0	0
170	Feb. 1956	0	11	0	0	0
171	Mar. 1956	0	8	0	0	0
172	Apr. 1956	0	17	0	0	0
173	May 1956	0	13	0	0	0
174	June 1956	0	11	0	0	0
175	July 1956	0	12	0	0	0
176	Aug. 1956	0	16	0	0	0
177	Sept. 1956	0	14	0	0	0
178	Oct. 1956	0	13	0	0	0
179	Nov. 1956	0	21	0	0	0
180	Dec. 1956	0	17	0	0	0
181	Jan. 1957	0	17	0	0	0
182	Feb. 1957	0	12	0	0	0
183	Mar. 1957	0	9	0	0	0
184	Apr. 1957	0	19	0	0	0
185	May 1957	0	14	0	0	0
186	June 1957	0	12	0	0	0
187	July 1957	0	12	0	0	0
188	Aug. 1957	0	16	0	0	0
189	Sept. 1957	0	14	0	0	0
190	Oct. 1957	0	12	0	0	0
191	Nov. 1957	0	20	0	0	0
192	Dec. 1957	0	16	0	0	0

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[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
193	Jan. 1958	0	17	0	0	0
194	Feb. 1958	0	12	0	0	0
195	Mar. 1958	0	9	0	0	0
196	Apr. 1958	0	18	0	0	0
197	May 1958	0	14	0	0	0
198	June 1958	0	12	0	0	0
199	July 1958	0	13	0	0	0
200	Aug. 1958	0	18	0	0	0
201	Sept. 1958	0	15	0	0	0
202	Oct. 1958	0	13	0	0	0
203	Nov. 1958	0	22	0	0	0
204	Dec. 1958	0	17	0	0	0
205	Jan. 1959	0	18	0	0	0
206	Feb. 1959	0	13	0	0	0
207	Mar. 1959	0	9	0	0	0
208	Apr. 1959	0	19	0	0	0
209	May 1959	0	14	0	0	0
210	June 1959	0	13	0	0	0
211	July 1959	0	13	0	0	0
212	Aug. 1959	0	18	0	0	0
213	Sept. 1959	0	15	0	0	0
214	Oct. 1959	0	14	0	0	0
215	Nov. 1959	0	22	0	0	0
216	Dec. 1959	0	17	0	0	0
217	Jan. 1960	0	16	0	0	0
218	Feb. 1960	0	11	0	0	0
219	Mar. 1960	0	9	0	0	0
220	Apr. 1960	0	16	0	0	0
221	May 1960	0	13	0	0	0
222	June 1960	0	12	0	0	0
223	July 1960	0	12	0	0	0
224	Aug. 1960	0	15	0	0	0
225	Sept. 1960	0	14	0	0	0
226	Oct. 1960	0	13	0	0	0
227	Nov. 1960	0	18	0	0	0
228	Dec. 1960	0	14	0	0	0

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[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
229	Jan. 1961	0	16	0	0	0
230	Feb. 1961	0	12	0	0	0
231	Mar. 1961	0	10	0	0	0
232	Apr. 1961	0	18	0	0	0
233	May 1961	0	15	0	0	0
234	June 1961	0	14	0	0	0
235	July 1961	0	14	0	0	0
236	Aug. 1961	0	19	0	0	0
237	Sept. 1961	0	17	0	0	0
238	Oct. 1961	0	17	0	0	0
239	Nov. 1961	0	19	0	0	0
240	Dec. 1961	0	15	0	0	0
241	Jan. 1962	0	16	0	0	0
242	Feb. 1962	0	14	0	0	0
243	Mar. 1962	0	12	0	0	0
244	Apr. 1962	0	19	0	0	0
245	May 1962	0	16	0	0	0
246	June 1962	0	15	0	0	0
247	July 1962	0	16	0	0	0
248	Aug. 1962	0	21	0	0	0
249	Sept. 1962	0	18	0	0	0
250	Oct. 1962	0	19	0	0	0
251	Nov. 1962	0	22	0	0	1
252	Dec. 1962	0	20	0	0	0
253	Jan. 1963	0	20	0	0	0
254	Feb. 1963	0	20	0	0	0
255	Mar. 1963	0	17	0	0	0
256	Apr. 1963	0	24	0	0	1
257	May 1963	0	19	0	0	0
258	June 1963	0	19	0	0	0
259	July 1963	0	19	0	0	0
260	Aug. 1963	0	24	0	0	1
261	Sept. 1963	0	21	0	0	0
262	Oct. 1963	0	22	0	0	0
263	Nov. 1963	0	24	0	0	1
264	Dec. 1963	0	21	0	0	1

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[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
265	Jan. 1964	0	22	0	0	1
266	Feb. 1964	0	21	0	0	0
267	Mar. 1964	0	18	0	0	0
268	Apr. 1964	0	25	0	0	1
269	May 1964	0	21	0	0	1
270	June 1964	0	20	0	0	0
271	July 1964	0	21	0	0	0
272	Aug. 1964	0	25	0	0	1
273	Sept. 1964	0	22	0	0	1
274	Oct. 1964	0	24	0	0	1
275	Nov. 1964	0	25	0	0	1
276	Dec. 1964	0	23	0	0	1
277	Jan. 1965	0	22	0	0	1
278	Feb. 1965	0	23	0	0	1
279	Mar. 1965	0	19	0	0	0
280	Apr. 1965	0	26	0	0	1
281	May 1965	0	21	0	0	1
282	June 1965	0	21	0	0	1
283	July 1965	0	21	0	0	1
284	Aug. 1965	0	25	0	0	1
285	Sept. 1965	0	22	0	0	1
286	Oct. 1965	0	23	0	0	1
287	Nov. 1965	0	23	0	0	1
288	Dec. 1965	0	21	0	0	1
289	Jan. 1966	0	21	0	0	1
290	Feb. 1966	0	22	0	0	1
291	Mar. 1966	0	19	0	0	0
292	Apr. 1966	0	26	0	0	1
293	May 1966	0	21	0	0	1
294	June 1966	0	21	0	0	1
295	July 1966	0	21	0	0	1
296	Aug. 1966	0	26	0	0	1
297	Sept. 1966	0	23	0	0	1
298	Oct. 1966	0	25	0	0	1
299	Nov. 1966	0	26	0	0	1
300	Dec. 1966	0	26	0	0	1

Appendix A7. Reconstructed (simulated) monthly mean concentrations in finished water for tetrachloroethylene (PCE), trichloroethylene (TCE), *trans*-1,2-dichloroethylene (1,2-*t*DCE), and vinyl chloride (VC) at the Hadnot Point water treatment plant, Hadnot Point–Holcomb Boulevard study area, U.S. Marine Corps Base Camp Lejeune, North Carolina, January 1942–June 2008.— Continued

[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2- <i>t</i> DCE)	Vinyl chloride (VC)	Benzene
301	Jan. 1967	0	25	0	0	1
302	Feb. 1967	0	26	0	0	1
303	Mar. 1967	0	23	0	0	1
304	Apr. 1967	0	30	0	0	1
305	May 1967	0	24	0	0	1
306	June 1967	0	24	0	0	1
307	July 1967	0	25	0	0	1
308	Aug. 1967	0	31	0	0	1
309	Sept. 1967	0	26	0	0	1
310	Oct. 1967	0	29	0	0	1
311	Nov. 1967	0	29	0	0	1
312	Dec. 1967	0	28	0	0	1
313	Jan. 1968	0	27	0	0	1
314	Feb. 1968	0	26	0	0	1
315	Mar. 1968	0	23	0	0	1
316	Apr. 1968	0	30	0	0	1
317	May 1968	0	24	0	0	1
318	June 1968	0	24	0	0	1
319	July 1968	0	25	0	0	1
320	Aug. 1968	0	32	0	0	1
321	Sept. 1968	0	28	0	0	1
322	Oct. 1968	0	31	0	0	1
323	Nov. 1968	0	31	0	0	2
324	Dec. 1968	0	29	0	0	1
325	Jan. 1969	0	28	0	0	1
326	Feb. 1969	0	28	0	0	1
327	Mar. 1969	0	23	0	0	1
328	Apr. 1969	0	32	0	0	2
329	May 1969	0	26	0	0	1
330	June 1969	0	26	0	0	1
331	July 1969	0	24	0	0	1
332	Aug. 1969	0	18	0	0	1
333	Sept. 1969	0	8	0	0	1
334	Oct. 1969	0	8	0	0	1
335	Nov. 1969	0	24	0	0	2
336	Dec. 1969	0	24	0	0	2

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[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
337	Jan. 1970	0	23	0	0	2
338	Feb. 1970	0	23	0	0	2
339	Mar. 1970	0	19	0	0	1
340	Apr. 1970	0	26	0	0	2
341	May 1970	0	20	0	0	2
342	June 1970	0	20	0	0	2
343	July 1970	0	20	0	0	2
344	Aug. 1970	0	24	0	0	2
345	Sept. 1970	0	21	0	0	2
346	Oct. 1970	0	23	0	0	2
347	Nov. 1970	0	25	0	0	3
348	Dec. 1970	0	22	0	0	2
349	Jan. 1971	0	22	0	0	2
350	Feb. 1971	0	21	0	0	2
351	Mar. 1971	0	17	0	0	2
352	Apr. 1971	0	24	0	0	3
353	May 1971	0	19	0	0	2
354	June 1971	0	19	0	0	2
355	July 1971	0	19	0	0	2
356	Aug. 1971	0	24	0	0	3
357	Sept. 1971	0	21	0	0	2
358	Oct. 1971	0	22	0	0	2
359	Nov. 1971	0	25	0	0	3
360	Dec. 1971	0	22	0	0	3
361	Jan. 1972	0	22	0	0	3
362	Feb. 1972	0	21	0	0	2
363	Mar. 1972	0	17	0	0	2
364	Apr. 1972	0	24	0	0	3
365	May 1972	0	19	0	0	3
366	June 1972	0	19	0	0	3
367	July 1972	0	16	3	0	2
368	Aug. 1972	0	20	38	1	3
369	Sept. 1972	0	18	50	1	2
370	Oct. 1972	0	18	12	0	3
371	Nov. 1972	0	25	133	3	3
372	Dec. 1972	0	32	146	3	2

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[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
373	Jan. 1973	0	27	74	2	3
374	Feb. 1973	0	34	113	3	2
375	Mar. 1973	0	38	123	3	2
376	Apr. 1973	0	38	80	2	3
377	May 1973	0	43	104	3	3
378	June 1973	0	57	131	4	3
379	July 1973	1	73	149	5	3
380	Aug. 1973	1	109	184	7	3
381	Sept. 1973	1	96	143	5	3
382	Oct. 1973	0	31	26	1	3
383	Nov. 1973	2	187	249	10	3
384	Dec. 1973	3	201	230	10	2
385	Jan. 1974	1	106	106	5	3
386	Feb. 1974	2	152	151	7	2
387	Mar. 1974	3	163	155	7	2
388	Apr. 1974	2	116	97	5	3
389	May 1974	2	142	122	6	2
390	June 1974	3	179	149	8	2
391	July 1974	4	209	166	9	2
392	Aug. 1974	5	274	203	12	3
393	Sept. 1974	4	217	155	9	3
394	Oct. 1974	1	50	28	2	3
395	Nov. 1974	8	399	273	17	3
396	Dec. 1974	8	369	239	15	3
397	Jan. 1975	4	179	109	7	3
398	Feb. 1975	6	252	155	11	3
399	Mar. 1975	6	261	159	11	2
400	Apr. 1975	4	174	99	7	3
401	May 1975	5	211	124	9	3
402	June 1975	7	260	151	11	2
403	July 1975	8	294	168	13	3
404	Aug. 1975	10	368	205	16	3
405	Sept. 1975	8	285	156	12	3
406	Oct. 1975	1	61	28	2	3
407	Nov. 1975	14	503	274	23	3
408	Dec. 1975	13	451	240	20	3

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[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
409	Jan. 1976	7	227	116	10	3
410	Feb. 1976	10	317	164	14	3
411	Mar. 1976	10	323	166	15	2
412	Apr. 1976	6	212	104	9	4
413	May 1976	8	257	130	12	3
414	June 1976	10	314	158	15	3
415	July 1976	12	348	174	16	3
416	Aug. 1976	15	436	214	20	4
417	Sept. 1976	11	336	163	16	3
418	Oct. 1976	2	70	29	3	3
419	Nov. 1976	19	543	264	26	4
420	Dec. 1976	19	520	249	25	3
421	Jan. 1977	9	249	116	12	4
422	Feb. 1977	13	346	164	17	3
423	Mar. 1977	13	342	162	17	2
424	Apr. 1977	8	218	99	11	4
425	May 1977	10	264	123	13	3
426	June 1977	12	320	149	17	3
427	July 1977	14	355	164	19	3
428	Aug. 1977	17	440	199	23	4
429	Sept. 1977	13	338	152	18	4
430	Oct. 1977	2	69	27	3	4
431	Nov. 1977	22	544	245	30	4
432	Dec. 1977	21	513	229	28	4
433	Jan. 1978	10	250	109	14	4
434	Feb. 1978	14	348	154	19	3
435	Mar. 1978	15	352	157	20	3
436	Apr. 1978	9	231	99	13	5
437	May 1978	12	278	123	16	4
438	June 1978	14	333	148	19	3
439	July 1978	17	388	172	23	3
440	Aug. 1978	20	475	209	28	4
441	Sept. 1978	16	364	159	22	4
442	Oct. 1978	3	74	28	4	4
443	Nov. 1978	24	544	240	33	5
444	Dec. 1978	24	546	240	33	4

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[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
445	Jan. 1979	12	268	117	16	6
446	Feb. 1979	17	370	163	23	5
447	Mar. 1979	17	378	165	24	5
448	Apr. 1979	11	230	101	15	4
449	May 1979	13	274	119	18	3
450	June 1979	15	320	138	21	3
451	July 1979	17	361	152	23	3
452	Aug. 1979	22	483	201	31	0
453	Sept. 1979	17	358	148	23	3
454	Oct. 1979	3	71	27	4	4
455	Nov. 1979	23	507	207	33	6
456	Dec. 1979	23	504	205	33	6
457	Jan. 1980	12	264	104	17	7
458	Feb. 1980	17	378	152	24	6
459	Mar. 1980	20	433	175	28	6
460	Apr. 1980	12	273	108	17	8
461	May 1980	15	322	131	21	6
462	June 1980	18	394	163	26	6
463	July 1980	20	415	173	27	6
464	Aug. 1980	23	496	206	33	7
465	Sept. 1980	18	388	162	26	7
466	Oct. 1980	3	88	32	5	8
467	Nov. 1980	25	524	222	35	7
468	Dec. 1980	26	541	229	37	6
469	Jan. 1981	14	295	122	19	8
470	Feb. 1981	18	387	163	26	7
471	Mar. 1981	19	397	169	27	6
472	Apr. 1981	12	266	109	17	9
473	May 1981	15	322	135	22	7
474	June 1981	18	380	161	26	7
475	July 1981	21	436	185	30	6
476	Aug. 1981	30	631	270	44	8
477	Sept. 1981	25	516	231	36	7
478	Oct. 1981	5	115	50	8	5
479	Nov. 1981	36	748	362	54	8
480	Dec. 1981	37	753	370	54	8

Appendix A7. Reconstructed (simulated) monthly mean concentrations in finished water for tetrachloroethylene (PCE), trichloroethylene (TCE), *trans*-1,2-dichloroethylene (1,2-tDCE), and vinyl chloride (VC) at the Hadnot Point water treatment plant, Hadnot Point–Holcomb Boulevard study area, U.S. Marine Corps Base Camp Lejeune, North Carolina, January 1942–June 2008.— Continued

[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
481	Jan. 1982	19	406	199	29	9
482	Feb. 1982	26	529	266	38	7
483	Mar. 1982	27	556	285	41	6
484	Apr. 1982	18	376	189	27	10
485	May 1982	21	438	227	32	8
486	June 1982	25	505	266	38	7
487	July 1982	27	551	293	42	7
488	Aug. 1982	33	670	355	51	9
489	Sept. 1982	29	588	311	44	9
490	Oct. 1982	6	138	64	9	9
491	Nov. 1982	34	706	379	55	10
492	Dec. 1982	35	721	388	56	8
493	Jan. 1983	19	389	206	30	8
494	Feb. 1983	26	526	284	42	7
495	Mar. 1983	29	588	319	47	6
496	Apr. 1983	18	372	196	29	10
497	May 1983	22	449	243	36	8
498	June 1983	27	546	298	45	7
499	July 1983	30	618	337	51	7
500	Aug. 1983	32	659	357	54	9
501	Sept. 1983	26	543	292	45	9
502	Oct. 1983	5	134	61	9	10
503	Nov. 1983	39	783	435	67	10
504	Dec. 1983	34	688	381	59	9
505	Jan. 1984	21	427	233	36	11
506	Feb. 1984	27	560	303	47	8
507	Mar. 1984	28	587	320	50	7
508	Apr. 1984	18	400	206	33	12
509	May 1984	23	491	262	42	10
510	June 1984	22	471	256	41	7
511	July 1984	24	507	278	45	7
512	Aug. 1984	26	539	295	48	8
513	Sept. 1984	21	443	241	39	8
514	Oct. 1984	3	94	40	6	8
515	Nov. 1984	31	639	358	59	8
516	Dec. 1984	2	43	26	4	2

Appendix A7. Reconstructed (simulated) monthly mean concentrations in finished water for tetrachloroethylene (PCE), trichloroethylene (TCE), *trans*-1,2-dichloroethylene (1,2-tDCE), and vinyl chloride (VC) at the Hadnot Point water treatment plant, Hadnot Point–Holcomb Boulevard study area, U.S. Marine Corps Base Camp Lejeune, North Carolina, January 1942–June 2008.— Continued

[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
517	Jan. 1985	16	324	163	31	4
518	Feb. 1985	0	0	0	0	3
519	Mar. 1985	0	0	0	0	3
520	Apr. 1985	0	0	0	0	4
521	May 1985	0	0	0	0	3
522	June 1985	0	0	0	0	3
523	July 1985	0	0	0	0	3
524	Aug. 1985	0	0	0	0	3
525	Sept. 1985	0	0	0	0	3
526	Oct. 1985	0	0	0	0	3
527	Nov. 1985	0	0	0	0	3
528	Dec. 1985	0	0	0	0	3
529	Jan. 1986	0	0	0	0	3
530	Feb. 1986	0	0	0	0	3
531	Mar. 1986	0	0	0	0	3
532	Apr. 1986	0	0	0	0	4
533	May 1986	0	0	0	0	3
534	June 1986	0	0	0	0	3
535	July 1986	0	0	0	0	3
536	Aug. 1986	0	0	0	0	3
537	Sept. 1986	0	0	0	0	3
538	Oct. 1986	0	0	0	0	3
539	Nov. 1986	0	0	0	0	3
540	Dec. 1986	0	0	0	0	3
541	Jan. 1987	0	0	0	0	2
542	Feb. 1987	0	0	0	0	3
543	Mar. 1987	0	0	0	0	2
544	Apr. 1987	0	0	0	0	3
545	May 1987	0	0	0	0	2
546	June 1987	0	0	0	0	2
547	July 1987	0	0	0	0	3
548	Aug. 1987	0	0	0	0	3
549	Sept. 1987	0	0	0	0	3
550	Oct. 1987	0	0	0	0	3
551	Nov. 1987	0	0	0	0	2
552	Dec. 1987	0	0	0	0	2

Appendix A7. Reconstructed (simulated) monthly mean concentrations in finished water for tetrachloroethylene (PCE), trichloroethylene (TCE), *trans*-1,2-dichloroethylene (1,2-tDCE), and vinyl chloride (VC) at the Hadnot Point water treatment plant, Hadnot Point–Holcomb Boulevard study area, U.S. Marine Corps Base Camp Lejeune, North Carolina, January 1942–June 2008.— Continued

[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
553	Jan. 1988	0	0	0	0	3
554	Feb. 1988	0	0	0	0	3
555	Mar. 1988	0	0	0	0	3
556	Apr. 1988	0	0	0	0	4
557	May 1988	0	0	0	0	3
558	June 1988	0	0	0	0	3
559	July 1988	0	0	0	0	3
560	Aug. 1988	0	0	0	0	3
561	Sept. 1988	0	0	0	0	3
562	Oct. 1988	0	0	0	0	3
563	Nov. 1988	0	0	0	0	3
564	Dec. 1988	0	0	0	0	3
565	Jan. 1989	0	0	0	0	3
566	Feb. 1989	0	0	0	0	3
567	Mar. 1989	0	0	0	0	3
568	Apr. 1989	0	0	0	0	3
569	May 1989	0	0	0	0	3
570	June 1989	0	0	0	0	3
571	July 1989	0	0	0	0	3
572	Aug. 1989	0	0	0	0	3
573	Sept. 1989	0	0	0	0	3
574	Oct. 1989	0	0	0	0	3
575	Nov. 1989	0	0	0	0	3
576	Dec. 1989	0	0	0	0	3
577	Jan. 1990	0	0	0	0	3
578	Feb. 1990	0	0	0	0	3
579	Mar. 1990	0	0	0	0	3
580	Apr. 1990	0	0	0	0	3
581	May 1990	0	0	0	0	3
582	June 1990	0	0	0	0	3
583	July 1990	0	0	0	0	3
584	Aug. 1990	0	0	0	0	3
585	Sept. 1990	0	0	0	0	3
586	Oct. 1990	0	0	0	0	3
587	Nov. 1990	0	0	0	0	2
588	Dec. 1990	0	0	0	0	3

Appendix A7. Reconstructed (simulated) monthly mean concentrations in finished water for tetrachloroethylene (PCE), trichloroethylene (TCE), *trans*-1,2-dichloroethylene (1,2-*t*DCE), and vinyl chloride (VC) at the Hadnot Point water treatment plant, Hadnot Point–Holcomb Boulevard study area, U.S. Marine Corps Base Camp Lejeune, North Carolina, January 1942–June 2008.— Continued

[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2- <i>t</i> DCE)	Vinyl chloride (VC)	Benzene
589	Jan. 1991	0	0	0	0	2
590	Feb. 1991	0	0	0	0	3
591	Mar. 1991	0	0	0	0	3
592	Apr. 1991	0	0	0	0	3
593	May 1991	0	0	0	0	3
594	June 1991	0	0	0	0	3
595	July 1991	0	0	0	0	3
596	Aug. 1991	0	0	0	0	3
597	Sept. 1991	0	0	0	0	3
598	Oct. 1991	0	0	0	0	3
599	Nov. 1991	0	0	0	0	2
600	Dec. 1991	0	0	0	0	3
601	Jan. 1992	0	0	*	0	2
602	Feb. 1992	0	0	*	0	3
603	Mar. 1992	0	0	*	0	3
604	Apr. 1992	0	0	*	0	3
605	May 1992	0	0	*	0	3
606	June 1992	0	0	*	0	3
607	July 1992	0	0	*	0	3
608	Aug. 1992	0	0	*	0	3
609	Sept. 1992	0	0	*	0	3
610	Oct. 1992	0	0	*	0	3
611	Nov. 1992	0	0	*	0	3
612	Dec. 1992	0	0	*	0	3
613	Jan. 1993	0	0	*	0	3
614	Feb. 1993	0	0	*	0	3
615	Mar. 1993	0	0	*	0	3
616	Apr. 1993	0	0	*	0	4
617	May 1993	0	0	*	0	3
618	June 1993	0	0	*	0	3
619	July 1993	0	0	*	0	3
620	Aug. 1993	0	0	*	0	4
621	Sept. 1993	0	0	*	0	3
622	Oct. 1993	0	0	*	0	4
623	Nov. 1993	0	0	*	0	3
624	Dec. 1993	0	0	*	0	3

Appendix A7. Reconstructed (simulated) monthly mean concentrations in finished water for tetrachloroethylene (PCE), trichloroethylene (TCE), *trans*-1,2-dichloroethylene (1,2-tDCE), and vinyl chloride (VC) at the Hadnot Point water treatment plant, Hadnot Point–Holcomb Boulevard study area, U.S. Marine Corps Base Camp Lejeune, North Carolina, January 1942–June 2008.— Continued

[Concentrations in finished water computed using mixing-model approach; —, water treatment plant not operating; *, model simulations not conducted]

Stress period	Month and year	Concentrations in finished water, in micrograms per liter				
		Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	<i>Trans</i> -1,2-dichloroethylene (1,2-tDCE)	Vinyl chloride (VC)	Benzene
625	Jan. 1994	0	0	*	0	3
626	Feb. 1994	0	0	*	0	4
627	Mar. 1994	0	0	*	0	3
628	Apr. 1994	0	0	*	0	4
629	May 1994	0	0	*	0	3
630	June 1994	0	0	*	0	4
631	July 1994	0	0	*	0	4
632	Aug. 1994	0	0	*	0	4
633	Sept. 1994	0	0	*	0	4
634	Oct. 1994	0	0	*	0	4
635	Nov. 1994	0	0	*	0	3
636	Dec. 1994	0	0	*	0	4
637	Jan. 1995	0	0	*	0	3
638	Feb. 1995	0	0	*	0	4
639	Mar. 1995	0	0	*	0	4
640	Apr. 1995	0	0	*	0	4
641	May 1995	0	0	*	0	3
642	June 1995	0	0	*	0	4
643	July 1995	0	0	*	0	4
644	Aug. 1995	0	0	*	0	4
645	Sept. 1995	0	0	*	0	4
646	Oct. 1995	0	0	*	0	4
647	Nov. 1995	0	0	*	0	3
648	Dec. 1995	0	0	*	0	3
649	Jan. 1996	0	0	*	0	3
650	Feb. 1996	0	0	*	0	4
651	Mar. 1996	0	0	*	0	3
652	Apr. 1996	0	0	*	0	4
653	May 1996	0	0	*	0	3
654–798	June 1996–June 2008	0	0	*	0	0